

ABSTRACT OF THE DISCLOSURE

A device for measuring a level of a fluid in a container by measuring the transit time of an emitted acoustic pulse to the fluid surface and of its return echo through a guide conduit. The transit time of the emitted acoustic pulse is prolonged
5 so that the transit time is long enough to reliably separate the emitted decaying acoustic pulse from its echo. An approach region with a subsequent bend is provided in the acoustic guide conduit.